ETHAN JIANG

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EXPERIENCE

Software Engineer, Full Stack | hyperPad
Sept 2019 – Dec 2019
- Optimized and deployed child healthcare application for UC Irvine's medical research team on iOS and Android with React/React Native and Apollo GraphQL.
- Architected commenting and user API for hyperPad's game sharing native hub of 10,000 users with Objective-C and Ruby on Rails.
- Integrated Elasticsearch to process and filter user projects, posts, and comments.

Software Developer | The Co-operators
Jan 2019 – Apr 2019
- Team lead for cross-platform enterprise web app reaching 2000 employees.
- Replaced legacy software; sped up insurance prospecting process by 50%.
- Designed and implemented UI/UX with Angular and Ionic.
- Developed RESTful API backend with Node.js, Express, and PostgreS.

Jr. Network Administrator | Procom
May 2018 – Aug 2018
- Automated unlocking computers, performing status checks, and Active Directory administration by developing Powershell scripts.
- Worked with over 400 clients to troubleshoot and repair hardware and software.

PROJECTS

iMagic
- iOS app to assist magicians in a variety of prediction and mind-reading illusions with custom preferences.
- Used in over 15 private magic shows with 400+ audience members.
- Built with Swift with ARKit integration in progress.

Chronovise | Hack The North
- Productivity Chrome extension designed to organize and edit sets of websites.
- Synced user data to Google account for cross-platform support.
- Designed UI/UX, logo, and developed product website.
- Built with HTML/CSS/JS, Bootstrap, Google Chrome API, Google Cloud Storage.

SKILLS

Programming: Javascript, Typescript, Python, Swift, Objective-C, Ruby, C++
Front-end: Angular, React, React Native, Ionic, HTML/CSS
Back-end: Node.js, Express, Ruby on Rails, Apollo, SQL, PostgreSQL
Other: Amazon Web Services, Microsoft Azure, Git, Powershell, Bash, Agile

EDUCATION

University of Waterloo, Honours Bachelor of Computer Science
2017 – exp. 2022